Index of Claims

|   |    |      | 4.   | -     | 4 -       |     |
|---|----|------|------|-------|-----------|-----|
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| _ |    | III  | uvi  |       | ши        | No. |
|   |    |      |      |       |           |     |

09/585,762

Examiner

Alexis Wachtel

Applicant(s)/Patent under Reexamination

HYNING, DIRK VAN

Art Unit

1764

| 1 | Rejected |
|---|----------|
| _ | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla  | aim       |  |                 |          | C        | Date            | •         |                    |          |       | CI   | aim      |                 |              |         | Da      | te              |                 |                    |          | $\Box$   | Cla      | im         |          |   |  | D         | ate          | 1         |          |              |           |
|--|-----------|--|-----------------|----------|----------|-----------------|-----------|--------------------|----------|-------|--|----------|-----------------|--------------|---------|---------|-----------------|-----------------|--------------------|----------|----------|----------|------------|----------|---|--|-----------|--------------|-----------|----------|--------------|-----------|
|  | <u>la</u> | K  |                 |          |          |                 |           |                    |          |       | _  | la l     |                 | - 1          |         |         |                 |                 | İ                  |          |          | _        | <u> </u>   |          |   |  |           |              |           |          |              |           |
| Final  | Original  | 8-6-6  |                 | ı        |          |                 |           |                    | •        |       | Final  | Original |                 |              |         |         |                 |                 |                    |          |          | Final    | Original   |          |   |  |           |              |           |          |              |           |
| "  | Ō         | 2  |                 |          |          |                 |           | ł                  |          |       | ۳.   | ō        |                 |              |         |         |                 |                 |                    |          |          | ۳        | δ          |          |   |  |           |              |           | - 1      |              |           |
|  | 1         | Ť  | H               | 寸        |          |                 |           | 一                  |          | -     |  | 51       | H               | $\top$       | ┪       |         | +               | $\vdash$        | 十                  | -        | H        |          | 101        | $\dashv$ | -+  | +  | $\top$    | +            | 十         | +        | +            | ᅱ         |
|  | 2         |  |                 |          |          |                 |           |                    |          |       |  | 52       |                 | $\top$       |         |         |                 |                 |                    | 7!!!     | 上        |          | 102        | 寸        | $\exists$   | $\top$   | $\top$    | 寸            | _         | T        | 寸            | ┪         |
|  | 3         |  |                 |          |          |                 |           |                    |          |       |  | 53       |                 |              |         |         |                 |                 |                    |          |          |          | 103        |          |   |  |           | T            | $\neg$    | $\neg$   | $\neg$       | ヿ         |
|  | 4         |  |                 | _        |          | _               | $\dashv$  | $\dashv$           |          | _     |  | 54       | Ш               |              | ⊥       |         |                 |                 |                    |          |          |          | 104        | $\Box$   | $\perp$   | $\Box$   |           |              |           |          | $\Box$       |           |
|  | 5         |  |                 | _        |          | _               | _         | _                  |          | 4     |  | 55       | Ш               | _            | $\perp$ |         | _               | Ш               | $\perp$            | 4        | L        |          | 105        | _        |   | $\perp$  | $\perp$   |              |           |          | $\Box$       |           |
| <u> </u>   | 6         | <u> </u>   | $\vdash$        |          | _        | _               | -         | $\dashv$           | +        | -     |  | 56       | Ш               | _            | $\perp$ | _       | 4               | $\sqcup$        | $\dashv$           | 4        | L        |          | 106        | 4        | _   | 4  | _         | 4            | _         |          | 4            | _         |
| $\vdash$   | 7<br>8    | -  | $\vdash$        | $\dashv$ |          | -               | $\dashv$  | -                  |          | -     | <u> </u>   | 57<br>58 | $\vdash$        | +            | +       | +       | ┢               | $\sqcup$        | +                  | - :::    | -        |          | 107        | -        | -   | -  | 4         | $\dashv$     | $\dashv$  | $\dashv$ | $\dashv$     | 4         |
|  | 9         | -  | $\vdash$        | $\dashv$ | $\dashv$ |                 | ᆉ         | $\dashv$           | +        | -     | <u> </u>   | 59       | $\vdash$        | +            | +       | +       | ╆-              | $\vdash$        | -                  |          | ⊩        |          | 108<br>109 | $\dashv$ | +   | +  | +         | $\dashv$     | $\dashv$  | $\dashv$ | $\dashv$     | 4         |
|  | 10        | H  |                 | _        | -        |                 | $\dashv$  | $\dashv$           | -        | -     | <b></b> -  | 60       | $\vdash$        | $\dashv$     | ╅       | ╁       | $\vdash$        | $\vdash$        | -                  |          | ⊩        |          | 110        | $\dashv$ | +   | $\dashv$   | +         | +            | $\dashv$  | -        | +            | $\dashv$  |
|  | 11        | <del>                                     </del> | Н               | $\neg$   | $\vdash$ | $\dashv$        | 1         | +                  | _        | 1     | -  | 61       | H               | 十            | +       | +       | +-              | $\vdash$        | +                  | -        | -        |          | 111        | +        |   | +  | $\dashv$  | $\dashv$     | $\dashv$  | $\dashv$ | +            | $\dashv$  |
|  | 12        | Г  | П               | $\neg$   | $\neg$   |                 | 寸         | 7                  | $\neg$   | ٦     |  | 62       | $\sqcap$        | 7            | $\top$  | +       | $\vdash$        | $\vdash$        | $\dashv$           |          | $\vdash$ | $\dashv$ | 112        | 7        | $\dashv$  | +  | $\dashv$  | +            | $\dashv$  | $\dashv$ | +            | $\dashv$  |
|  | 13        |  |                 |          | 二        |                 |           |                    |          |       |  | 63       |                 | ŢŤ           | 十       | $\top$  |                 | $\Box$          | $\top$             | 7        | 一        | $\dashv$ | 113        | 十        | $\dashv$  | $\top$   | $\dagger$ | $\dashv$     | $\forall$ | +        | +            | $\dashv$  |
|  | 14        |  |                 |          |          |                 |           |                    |          | ]     |  | 64       |                 |              | $\perp$ |         |                 |                 |                    | 7        | Г        | $\neg$   | 114        | _        | $\dashv$  | $\top$   |           | 1            | $\dashv$  | 十        | +            | $\dashv$  |
|  | 15        |  |                 |          |          | $\Box$          | $\Box$    | $\Box$             |          | ]     |  | 65       |                 | $\Box$       | T       | I       |                 |                 |                    |          |          |          | 115        |          |   | I  |           |              |           | 丁        | 丁            | $\Box$    |
| <u> </u>   | 16        | ļ.,  | $\sqcup$        | _        | _        | _               |           | _                  | $\perp$  | 4     | <u> </u>   | 66       | Ш               | $\perp$      | $\perp$ | $\perp$ | oxdot           | Щ               | $\bot$             | _        | L        |          | 116        | $\Box$   | $\perp$   | $oldsymbol{ol}oldsymbol{ol}oldsymbol{oldsymbol{oldsymbol{ol}}}}}}}}}}}}}}}}$ | $\Box$    |              |           | $\Box$   | $oxed{oxed}$ |           |
| $\vdash$   | 17        | 1  | $\vdash \vdash$ | _        | -        | 4               | _         |                    | _        | 4     |  | 67       | _               | $\perp$      |         | +       | $oxed{igspace}$ | $\sqcup$        | _                  | 4        | L        | [        | 117        | [        |   | $\perp$  | _         | $\perp$      | $\perp$   | $\perp$  | $\bot$       | $\Box$    |
|  | 18<br>19  | 1  | $\vdash$        | -        | -        | -               | -         | $\dashv$           |          | -     |  | 68       |                 | 4            | 4       | +-      | $\vdash$        | $\vdash$        | _                  | -        | L        |          | 118        | $\dashv$ | -   | _  | 4         | 4            | 4         | _        | 4            | 4         |
| -  | 20        | V  | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$        |           | -                  |          | -     |  | 69<br>70 | H               | +            | +       | +       | -               | $\vdash$        | +                  | -        | ┡        |          | 119        | $\dashv$ |   |  | 4         | 4            | 4         | -        | +            | 4         |
| $\vdash$   | 21        | 1  |                 | -        | -+       | +               | $\dashv$  | $\dashv$           | +        | -     | <del>                                     </del> | 71       | Н               | +            | ╬       | +       | $\vdash$        | ┝┯              | +                  | -        | H        |          | 120<br>121 | $\dashv$ | +   | +  | +         | +            | -         | 4        | +            | $\dashv$  |
|  | 22        | V  |                 | ┪        | -+       | $\dashv$        | $\dashv$  | +                  |          | -     |  | 72       | H               | +            | +       | +       | ╁               | $\vdash$        | $\dashv$           | -        | -        | _        | 122        |          | +   | +  | +         | +            | $\dashv$  | +        | $\dashv$     | $\dashv$  |
|  | 23        |  |                 | $\dashv$ |          | 7               | 7         | 十                  | $\dashv$ | ٦     |  | 73       | Н               | $\dashv$     | +       |         | ╁               | $\vdash$        | $\dashv$           | -        | $\vdash$ | $\dashv$ | 123        | $\dashv$ | +   | $\dashv$   | +         | $\dashv$     | $\dashv$  | +        | +            | $\dashv$  |
|  | 24        | 1  | П               |          |          | 一               | 寸         |                    |          |       |  | 74       | П               | <del>-</del> | T       | $\top$  | 1               | $\vdash$        | $\dashv$           | -        | H        |          | 124        | $\dashv$ | +   | +  | $\dashv$  | $\dashv$     | $\dashv$  | $\dashv$ | +            | $\dashv$  |
|  | 25        | 1  |                 |          |          |                 | 丁         |                    |          |       |  | 75       | П               | $\exists$    | T       | 十       |                 | H               | 7                  | ₩.       | ╟        |          | 125        | 寸        | +   | T  | 1         | 7            | 7         | 十        | $\dagger$    | $\exists$ |
|  | 26        | <b>V</b>   | Ш               |          |          |                 |           |                    |          |       |  | 76       |                 |              |         |         |                 |                 |                    |          |          |          | 126        | 寸        |   | _  | $\dashv$  | 寸            | $\neg$    | $\top$   | 寸            | $\neg$    |
|  | 27        | 1  |                 |          | $\dashv$ | _               |           | _                  |          |       |  | 77       |                 | $\perp$      | $\perp$ |         |                 |                 |                    |          |          |          | 127        |          |   |  | T         | Ī            |           |          | $\Box$       |           |
|  | 28        | 1  | Щ               | _        | _        | _               | _         | $\dashv$           | $\perp$  | _     |  | 78       | $\Box$          |              | _ _     | $\perp$ | $\perp$         | Ц               | 1                  | _        | L        |          | 128        |          |   | $\perp$  |           | $\perp$      |           |          | $oxed{\bot}$ |           |
| <u> </u>   | 29        | 1  |                 |          | _        | 4               | -         | $\rightarrow$      |          | 4     |  | 79       |                 | 4            | 4       | $\bot$  | L               |                 | $\downarrow$       | _ !!!    | L        |          | 129        | _        | $\bot$  | 4  | 4         |              |           | $\perp$  |              | $\Box$    |
| -  | 30<br>31  | 7  |                 |          | $\dashv$ | -               |           | -                  | +        | 4     |  | 80       | $\dashv$        | +            | +       | +       | Ш               |                 | $\perp$            | -∤:::    | L        |          | 130        | _        | $\dashv$  | 4  | 4         | 4            | $\dashv$  | 4        | 4            | 4         |
| <del>                                     </del> | 32        | 7  | $\dashv$        | -        | $\dashv$ | -               | -         | $\dashv$           |          | -     |  | 81<br>82 | $\dashv$        | _            | +       | +       | Н               | $\dashv$        |                    | -        | L        | _        | 131        | 4        | 4.  | $\dashv$   | -         | 4            | $\dashv$  | $\perp$  | $\dashv$     | 4         |
|  | 33        | <del>  `</del>                                   | $\vdash$        | -        | $\dashv$ | -               | $\dashv$  | $\dashv$           | +-       | -     |  | 83       | $\vdash \vdash$ | +            | +       | +       | $\vdash$        | $\dashv$        | +                  | -        | ⊩        | -+       | 132<br>133 | $\dashv$ | +   | +  | +         | +            | $\dashv$  | +        | +            | $\dashv$  |
|  | 34        | -  | $\vdash$        | $\dashv$ | 十        | -               | $\dashv$  | 十                  | +        | 1     |  | 84       | $\vdash$        | $\dashv$     | +       | +       | $\vdash$        | $\vdash \vdash$ | +                  | -        | $\vdash$ | $\dashv$ | 134        | $\dashv$ | +   | +  | +         | +            | -         | $\dashv$ | +            | $\dashv$  |
|  | 35        |  |                 | 寸        | 寸        | $\neg$          | $\neg$    | $\dashv$           |          | 1     |  | 85       |                 | 十            | $\top$  | +       | Н               |                 | +                  | -        | $\vdash$ | -        | 135        | +        | $\dashv$  | +  | $\dashv$  | +            | $\dashv$  | $\dashv$ | +            | $\dashv$  |
|  | 36        |  |                 | _†       |          | 丁               |           |                    | $\top$   | 1     |  | 86       | $\sqcap$        | 十            | 十       | +       | П               | $\vdash$        | 十                  | <b>-</b> | 十        | +        | 136        | $\dashv$ | +   | +  | 十         | +            | +         | -+       | +            | $\dashv$  |
|  | 37        |  |                 |          |          | J               |           |                    |          | ]     |  | 87       |                 | 丁            |         | 1       |                 | $\Box$          | $\top$             |          |          | _        | 137        |          | $\top$  | $\forall$  | $\top$    | 十            | 十         | $\dashv$ | +            | ヿ゙        |
|  | 38        |  |                 | $\Box$   | $\Box$   | $\Box$          | I.        |                    |          |       |  | 88       |                 |              |         | I       |                 |                 |                    |          |          |          | 138        | 丁        | _   |  |           |              | $\Box$    | 丁        | $\top$       | ヿ         |
| $\vdash$   | 39        | Ш  | $\Box$          | 4        | _        |                 | $\dashv$  | $\perp$            |          |       | <u> </u>   | 89       |                 |              | $\perp$ | ┸       | $\Box$          |                 | $oldsymbol{\perp}$ | _]       | L        | $\Box$   | 139        | $\Box$   | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | Ι  | Ι         | I            |           | I        | $\Box$       |           |
| $\vdash$   | 40        | Щ  | _               | 4        | 4        |                 | $\dashv$  | $\dashv$           | $\perp$  | -     | <u> </u>   | 90       | $\sqcup$        | $\bot$       | _       | +       | Ш               |                 | $\perp$            | 4        | L        |          | 140        | _        |   | _[_  | $\perp$   | 1            | $\Box$    | I        | $\perp$      |           |
| $\vdash$   | 41        |  | $\dashv$        | +        |          |                 | $\dashv$  | +                  | _        | 4     |  | 91       | $\dashv$        | $\perp$      | $\perp$ | $\bot$  | $\sqcup$        | $\sqcup$        | $\bot$             | 4        | Ľ        | _        | 141        | _        | _ _   | 1  | 4         | $\perp$      | _[        | $\perp$  | $\perp$      | ╝         |
| $\vdash \dashv$                                  | 42<br>43  |  |                 | $\dashv$ | $\dashv$ | $\dashv$        | $\dashv$  | +                  | +        | -     | <u> </u>   | 92<br>93 | $\dashv$        | -+           | +       | +       | $\vdash$        | $\dashv$        | -                  | 4        | L        |          | 142        | 4        | 4   | 4  | +         | $\dashv$     | _         | $\perp$  | $\bot$       | 4         |
|  | 44        | $\vdash$   | +               | $\dashv$ | $\dashv$ | $\dashv$        | +         | +                  | +        | -     | <b> </b>   | 93       | $\dashv$        | -+           | +       | +       | $\vdash$        | $\dashv$        | +                  | -        | $\vdash$ | -        | 143        | +        | +   | +  | +         | +            | $\dashv$  | +        | 4            | 4         |
|  | 45        |  | $\dashv$        |          | $\dashv$ | $\dashv$        | $\dashv$  | $\dashv$           | +-       | ┨     |  | 95       | $\dashv$        | +            | +       | +       | $\vdash$        | -+              | +                  | $\dashv$ | $\vdash$ | $\dashv$ | 144<br>145 | +        | $\dashv$  | +  | +         | +            | -         | +        | +            | $\dashv$  |
| <del> </del>                                     | 46        | $\dashv$   | +               | $\dashv$ | $\dashv$ | $\dashv$        | +         | +                  | +        | 1     |  | 96       | $\dashv$        | +            | +       | +       | $\vdash$        | $\dashv$        | +                  | -        | $\vdash$ | $\dashv$ | 146        | +        | +   | +  | +         | +            | +         | +        | +            | $\dashv$  |
|  | 47        | $\neg$   | 十               | +        | $\dashv$ | _†              | $\top$    | $\top$             | +        | 1:::: |  | 97       | 7               | +            | +       | +       | H               | $\dashv$        | +                  | -        | $\vdash$ |          | 147        | ┰        | +   | +  | +         | +            | +         | +        | +            | $\dashv$  |
|  | 48        |  |                 | 十        | $\dashv$ | $\neg \uparrow$ | $\dashv$  | $\dashv$           | $\top$   | 1     |  | 98       | 7               | $\dashv$     | +       | +       | $\vdash$        | $\dashv$        | +                  | ۱        | $\vdash$ |          | 148        | $\dashv$ | $\dashv$  | +  | 十         | +            | +         | +        | +            | $\dashv$  |
|  | 49        |  | 丁               |          |          |                 |           |                    |          |       |  | 99       | J               |              | $\top$  | Τ       | $\sqcap$        | _               | $\top$             |          | Г        |          | 149        | $\top$   | $\top$  | 十  | +         | $^{\dagger}$ | $\dashv$  | $\top$   | +            | $\dashv$  |
| I  | 50        |  | $\Box$          | $\Box$   | $\Box$   | $\Box$          | $_{ m I}$ | $oldsymbol{\perp}$ |          | ]     |  | 100      | I               | T            | T       |         | П               | $\neg$          |                    | 7        | Г        |          | 150        | $\top$   | $\top$  | $\top$   | $\top$    | $\top$       | $\top$    | $\top$   | $\top$       | ヿ         |